



***American  
Printing House  
for the Blind***

***Annual Report***

***for the year ended June 30, 1980***



# *American Printing House for the Blind*

## *112th Annual Report*



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# ***Officers, Trustees, Committees***

## ***Officers 1979-1980***

Joseph B. Woodlief  
*Chairman of the Board*

Carson Y. Nolan, Ph.D.  
*President and Secretary*

John W. Barr, III  
*Treasurer*

## ***Corporate Trustees***

John W. Barr, III  
Watson B. Dabney  
Finis E. Davis  
Marion S. Webb, Jr.  
James S. Welch  
Joseph B. Woodlief

## ***Ex Officio Trustees***

The executive head of each institution for the education of the blind (or designee), and the chief state school officer of each state department of education (or designee) of the United States and its possessions.

## ***Committees 1979-1980***

*(Listing includes year each member's term expires)*

### ***Publications Committee***

Andrew S. Papineau, Chairman (1980)  
Richard G. Umsted (1981)  
Floyd J. McDowell (1982)  
Anna Perry (1983)  
Paul Lewis (1984)

### ***Educational Research Committee***

Nancy J. Bryant, Chairperson (1981)  
Robert W. Bischoff (1983)  
Robert E. Long (1984)

### ***Educational Aids Committee***

Will D. Evans, Chairman (1980)  
Harold L. Hodges (1981)  
James J. Meyers, Jr. (1982)  
Donald H. Edwards (1983)  
Jane Brodie (1984)



# Prospectus and Production Highlights

The mission of the American Printing House for the Blind is to provide visually handicapped people with educational and recreational literature in braille, large type, and recorded form and to manufacture the learning aids, special tools, and special supplies necessary for their education and daily activities. We also maintain the Central Catalog of Volunteer Produced Textbooks and conduct extensive research and development in the field of education.

APH is the oldest agency for the blind and near-blind in the United States, and the world's largest publishing house for the blind. Incorporated in 1858 as a private, nonprofit organization, its policies are guided by a corporate board of trustees.

Since 1879, APH has had the responsibility to administer the federal funds provided under the "Act to Promote the Education of the Blind." This means that we are the official source of school materials for students of less than college level in the United States. We are assisted in administering this responsibility by our ex officio trustees who are heads of residential facilities for education of the blind or representatives of state departments of education. These trustees participate in our advisory committees and in our annual meeting each fall which provides a forum for exchange of ideas and information between our staff, our ex officio trustees, and other educators.

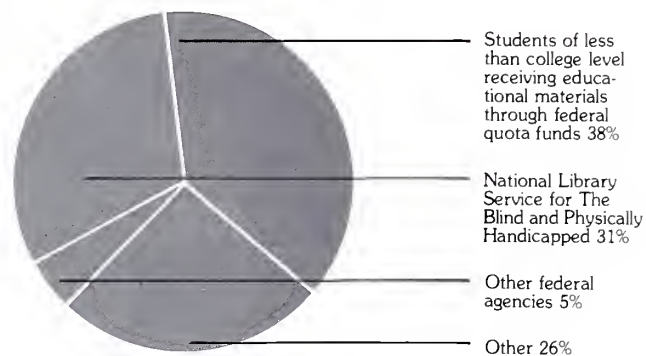
The work that we do on a contract basis for other organizations comprises a great part of our output. This production includes such items as braille and recorded books for the National Library Service for the Blind and Physically Handicapped, braille menus for restaurants, cassette tapes for religious groups, and tactile signage for use in buildings or parks.

Through our fund raising efforts, we are able to produce braille and recorded editions of the *Reader's Digest* each month and recorded weekly copies of *Newsweek Magazine*, most of which are distributed to adult blind persons and regional libraries at no cost.

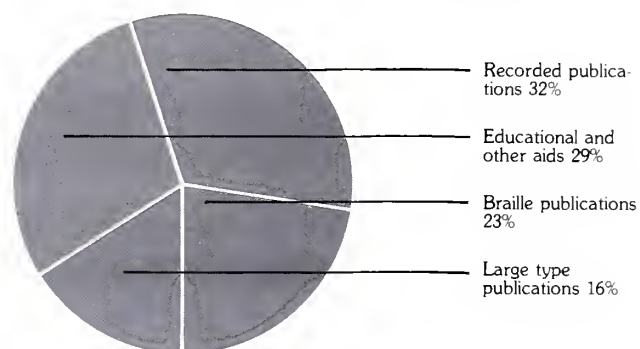
The graphs to the right give a general percentage breakdown of the entities served by APH and types of products sold in fiscal '80.

For further information, contact our public relations department at the phone number or address noted on the back cover.

## Entities served in fiscal '80



## Types of products sold in fiscal '80



## Fiscal '80 Production Highlights

- Almost 53 million pages press-brailled
- More than 430,000 vacuum-formed pages produced
- Approximately 10.7 million regular-run large type pages printed
- Almost 2.4 million short-run large type pages printed
- Over 400,000 cassettes duplicated
- Almost 5.5 million records pressed
- Of approximately 160 tangible aids produced or substantially modified, more than 1.5 million manufactured

# Annual Meeting Section

## Secretary's Pages

The Annual Meeting of the Board of Trustees of the American Printing House for the Blind convened at 12:30 p.m., October 14, 1980 at the Galt House in Louisville, Kentucky with the following conferees present.

### Corporate Trustee

Mr. James S. Welch

### Ex Officio Trustees

Ms. Lynne Albright, Director, New Hampshire Educational Services for the Visually Handicapped

Mr. Eugene Anthony, Consultant, Division of Special Education, North Carolina State Department of Public Instruction

Miss Agnes M. Bauer, Director of Ancillary Services, Elwyn Institute

Dr. Philip A. Bellefleur, Superintendent, Virginia School at Hampton

Mr. R. C. Benton, Superintendent, Mississippi School for the Blind

Dr. Robert W. Bischoff, Education Director, Utah State Board of Education, Utah School for the Blind

Mr. Charles R. Borchert, Superintendent, North Dakota State School for the Blind

Mr. Charles B. Boyer, Superintendent, South Dakota School for the Visually Handicapped

Dr. Nancy J. Bryant, Superintendent, Michigan School for the Blind

Mr. R. M. Casey, Superintendent, Parkview School

Mrs. Susan Cobb, IMC Coordinator, Virginia State Department of Education and Virginia Department for the Visually Handicapped

Mr. Samuel J. Cole, Superintendent, The Governor Morehead School

Mr. Jules Cote', Associate Director, Helen Keller National Center for Deaf-Blind Youth and Adults

Mr. Garland Cross, Superintendent, Tennessee School for the Blind

Mr. Bill Davis, APH-Media Coordinator, New Mexico School for the Visually Handicapped

Mr. Richard M. DeMott, Superintendent, Iowa Braille & Sight Saving School

Mr. Donald H. Edwards, Director, Oregon State School for the Blind

Mr. Will D. Evans, Superintendent, Kentucky School for the Blind

Ms. Gail Sullivan Fleig, Special Education Media Specialist, Iowa Department of Public Instruction

Mrs. Julia French, Director, Division of Physically Handicapped, Bureau of Education for Exceptional Children, Kentucky Department of Education

Mrs. Alicia Green, Director, Statewide Media Center for the Visually Impaired Library Services, Michigan State Department of Education

Mr. Harold L. Hodges, Education Program Specialist, Kansas State Department of Education

Mrs. Isabella Holmes, Coordinator, Physical Handicaps, Special Education, Georgia State Department of Education

Mr. Durward A. Hutchinson, Superintendent, Indiana School for the Blind

Mrs. Janie Fox Jones, Chief Consultant, Division of Special Education, Texas Education Agency

Dr. William G. Kalenius, Jr., Administrator for Pupil Services & Research, Washington State Department of Public Instruction, Clover Park School

Mrs. Billie Levy, Supervisor, Programs for the Visually Impaired, Louisiana State Department of Education

Mr. Paul Lewis, Supervisor, Florida Instructional Materials Center for the Visually Handicapped, Florida State Department of Education

Miss Elinor H. Long, Consultant, Visually Handicapped Support Services, Pennsylvania Department of Education

Dr. William J. McClure, President, Florida School for the Deaf and the Blind

Mr. James J. Myers, Jr., Director, Hope School

Dr. Hugh A. Pace, Superintendent,  
Kansas State School for the Visually  
Handicapped

Mr. Andrew S. Papineau, Supervisor  
of Schools for the Visually Impaired,  
Wisconsin State Department of Public  
Instruction, Division for Handicapped  
Children

Mrs. Anna Perry, Director of Education,  
Royer-Greaves School for the Blind

Mr. Anthony J. Pizzoloto, Assistant  
Superintendent for Instruction, Louisiana  
School for the Visually Impaired

Mr. Jerry L. Regler, Superintendent,  
Nebraska School for the Visually  
Handicapped

Dr. L. Leon Reid, Director, The Greater  
Pittsburgh Guild for the Blind

Mr. W. Buck Schrotberger, Senior  
Consultant, Colorado IMC for Visually  
Handicapped (CIMC/VH), Colorado  
State Library

Mr. H. Smith Shumway, Director,  
Services for Visually Handicapped,  
Wyoming State Department of Education

Mr. Frederick L. Sinclair, Consultant,  
Education of the Visually Handicapped,  
Bureau of Special Education/CDVH,  
California State Department of Education

Miss Marilyn Sorensen, Consultant,  
Vision and Physically Handicapped  
Division of Special and Compensatory  
Education, Minnesota State Department  
of Education

Mr. William A. Springer, Orientation  
and Mobility Specialist, Office of the  
Visually Impaired, District of Columbia  
Public Schools

Mr. Louis G. Strickland, Coordinator of  
Adjustment Services, Mississippi  
Vocational Rehabilitation for the Blind

Mr. Glenn E. Thompson, Superintendent,  
New York State School for the Blind

Dr. Richard G. Umsted, Superintendent,  
Illinois School for the Visually Impaired

Mr. Jerry Watkins, Superintendent,  
New Mexico State Department of  
Education

Mr. Richard L. Welsh, Superintendent,  
The Maryland School for the Blind

Mr. Charles C. Woodcock, Director,  
Perkins School for the Blind

Mr. J. M. Woolly, Superintendent,  
Arkansas School for the Blind

Mrs. J. Lynne Young, Director,  
Educational Services, Division for the  
Visually Impaired

Guests present were the following  
members of the staff of the American  
Printing House for the Blind:

Miss Jane T. Kent, Controller

Mr. Carl W. Lappin, Director, Instructional  
Materials Reference Center

Mr. Ralph McCracken, Editor

Miss Hazel V. Maffet, Director,  
Circulation and Program Support

Miss June E. Morris, Director,  
Educational Research

Miss Anne Yeiser, Special Assistant  
for Marketing & Public Relations

Upon conclusion of the luncheon,  
Dr. Nolan introduced Mr. Welch and  
asked the Ex Officio Trustees as well as  
the guests to introduce themselves.  
Dr. Nolan then turned the meeting over to  
Mr. Welch who presided.

After expressing greetings and the  
regrets of Mr. Joseph B. Woodlief at not  
being able to attend, Mr. Welch gave  
the Chairman's Report.

Reports of the Publications Committee,  
Educational Aids Committee, and  
Educational Research Committee were  
next presented by their respective  
Chairpersons, Mr. Andrew S. Papineau,  
Mr. Will D. Evans, and Dr. Nancy J.  
Bryant. Upon motion, duly seconded  
and passed, each report was approved  
and ordered published in the annual report.

Mr. J. Max Woolly, Chairman of the  
Nominating Committee, composed of  
Ms. Lynne Albright and Mr. Frederick L.  
Sinclair placed in nomination the following  
Ex Officio Trustees who were duly  
seconded and elected:

### ***Publications Committee:***

Dr. Richard D. Umsted — Chairman —  
one year — Illinois School for the Visually  
Impaired

Mrs. Janie Fox Jones — for a term of  
five years — Texas Education Agency

### ***Educational Research Committee:***

Dr. Nancy J. Bryant — Chairperson —  
one year — Michigan School for the Blind

Mr. David P. Dorr — for a term of two  
years — Maine Department of Human  
Services

Dr. Ray J. Brothers — for a term of five  
years — Washington State School for  
the Blind

### ***Educational Aids Committee:***

Mr. Harold L. Hodges — Chairman — one  
year — Kansas State Department of  
Education

Dr. L. Leon Reid — for a term of five  
years — The Greater Pittsburgh Guild  
for the Blind

Following this, Dr. Nolan gave the report  
of the President.

There being no further business, the  
meeting was adjourned at 1:45 p.m.

Respectfully submitted,

Carson Y. Nolan, Ph.D.  
Secretary



## Report of the Chairman, Board of Trustees

Welcome to the 112th Annual Meeting of the Board of Trustees of the American Printing House for the Blind. I join all of our corporate board in wishing that your stay here in Louisville be both pleasant and fruitful. We hope that the workshops held on Saturday and Sunday together with our Monday meetings were both interesting and instructive.

Changing economic factors continue to demand significant amounts of our attention. January will bring, once more, increases in the minimum wage and in the costs for social security. Inflation remains with its consequent impact on costs for raw materials, manufacturing equipment, and energy. As a result, recently we have had to raise prices for braille, large type, other paper products, and certain of our educational aids. As long as the economy maintains its current high levels of inflation, it is quite possible that prices for products will be increased annually rather than over longer periods as in the past.

Here at the Printing House, we have tried to offset rising costs through efforts to increase the efficiency of our operation. This spring and summer, we have worked hard to improve our budgeting and cost accounting procedures. We have set up a centralized purchasing operation. We have centralized responsibility for marketing and public relations in order to intensify our efforts in both areas. In our Talking Book operation, we have formalized our quality control program.

For the first time in many years, our sales failed to increase significantly. I predict that this is but a temporary aberration, due to a variety of factors to which we have already adapted. We are looking to a tremendous year in fiscal 1981 as a consequence of several new products which will be available. Three of them, the *World Book*

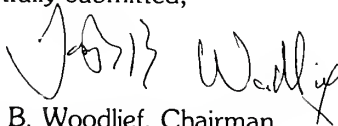
*Encyclopedia, Recorded Edition; Patterns*, our new primary braille reading curriculum; and the new *Program to Develop Efficiency in Visual Functioning* have recently been released.

Our own magazine program continues on a sound base. Current circulation for the *Reader's Digest* is 2,000 braille copies and 24,000 recorded copies. This year we initiated a limited cassette edition of *Reader's Digest*. *Newsweek* circulation is currently 12,000 copies. More than 77,000 contributions were received last year to support these magazines. You as educators benefit particularly from our *Reader's Digest* fund raising since contributions to our *Reader's Digest* Extension Fund support the acquisition of buildings and capital equipment needed to manufacture the materials we provide for you under the "Act to Promote the Education of the Blind."

A good case in point is our new building addition recently completed at a cost of two million dollars. The top floor will provide manufacturing space for the tangible aids we supply you. The other three floors will be given over to finished inventory storage and new raw materials storage as well as to shipping and receiving. I hope some of you had a chance to look through this fine new addition on your tours this morning.

To close, I would like to thank our ex officio trustees for their cooperation during the year. Particularly, I would like to thank those among you who served on our committees. Finally, may I express my appreciation to Dr. Nolan, the members of his staff, and to all other employees of the American Printing House for a very productive year.

Respectfully submitted,



Joseph B. Woodlief, Chairman  
presented by James S. Welch in  
Mr. Woodlief's absence

## Report of the President

Let me join Mr. Welch in welcoming you to the 112th Annual Meeting of the Board of Trustees. It is a pleasure and a privilege each year to play host to this distinguished group.

The number of blind students registered under the Federal Act totalled 34,814 as of January 7, 1980. Registrations were received from 150 agencies. The number of students registered in 1980 was 1753 more than were registered in 1979. This year 25,715 students were registered by state departments of education, 6848 students were registered by residential schools for the blind, and 2251 students were registered through rehabilitation programs and other agencies. Of the group, 5563 read braille, 13,142 read large type, 1051 read both, and 15,058 read neither.

The fiscal 1981 appropriation under the "Act to Promote the Education of the Blind" was \$4,921,000. The appropriation for educational materials is \$4,581,000 which together with the \$10,000 permanent appropriation will result in a per capita allotment of \$131.87. Also included in the appropriation were \$90,000 for the administration of the Act and \$250,000 for educational and technical research.

We have had a very busy and productive year in spite of the rare lack of increase in sales. With some minor exceptions, we have been able to meet our commitments for school materials and fulfill our contractual obligations. Our broad scale efforts to increase the efficiency of our operations have been continued. Large educational materials inventories coupled with the failure of some agencies to utilize fully their quota funds remain problems. We plan a major effort in fiscal 1981 to help agencies make effective use of their quota balances.



## **Talking Books and Electronic Assembly**

This has been a very busy year for recording, with completion of the recorded edition of *World Book* added to the regular recording load. We have had some difficulty recruiting the number of professional readers we need.

Five hundred copies of the recorded encyclopedia have been completed and the player is currently being assembled at a rate of 125 per month.

Considerable effort has been expended this year in improving the quality of our flexible records. We now have a much better product.

A redesigned version of our cassette player-recorder became available last fall. This player incorporates many engineering improvements and over 5010 have already been sold.

## **Braille**

Production this year was almost 53,000,000 pages, down slightly from last year. We produced 49 textbooks, 530 magazines, 257 trade books, and 207 miscellaneous titles. Among the latter was a large number of manuals and forms for the Internal Revenue Service.

During fiscal 1980, we received 187 new hand-transcribed masters. We completed 1265 orders for vacuum-formed texts, an 18% increase over the previous year. This texts were primarily reading and mathematics.

## **Large Type**

We produced 191 new textbooks, mostly reading skills material, in regular run large type. This is three times the number of titles produced last year.

The number of titles produced in short run increased seven percent. Production included 303 new titles and 649 reprinted titles. Short run materials printed were primarily basic readers, spelling texts, mathematics texts, and educational and mental tests.

New equipment has been acquired to increase the efficiency of the Large Type Department. Included is phototypesetting equipment, with three typesetting stations, magnetic disc memory for recall and modification, and provision for all modern typefaces. A large programmable paper cutter has also been acquired.

## **Educational Aids**

Sales for educational aids were up 40% this year. New expanded quarters for aid manufacturing will be provided in the new building addition. New equipment has been added to the carpenter shop and the painting capacity of the operation has been increased by 50%.

## **Educational Research**

Our research and development efforts continued at the level of previous years. The department coordinated the production of the *World Book Encyclopedia, Recorded Edition*. Personnel have conducted a nationwide series of workshops on new products such as *Patterns* and the preschool materials. Two proposals submitted to the Office of Special Education were funded. A Design and Development Section was added to the Department. This Section will lend support to production as well. We have continued to utilize a national array of teachers and other professionals in our research and development projects.

## **Central Catalog of Volunteer Produced Textbooks**

We have had another busy year with reference service provided to over 7000 written inquiries and over 3000 telephone inquiries. More than 19,700 intention and completion reports were processed to update the Catalog which now contains over 110,000 listings. For the first time the printed Catalog was sold for the printing and binding costs. Six hundred copies were printed last spring and by June all had been purchased.

## **Magazine Circulation and Program Development**

This Department handles the circulation of the magazines we publish and raises funds for support of the recorded *Newsweek* and for the braille and recorded editions of *Reader's Digest*. The magnitude of this effort is implied by a few statistics. In fiscal 1980 the Department mailed almost 4,000,000 appeals, processed about 100,000 pieces of mail, performed 64,000 operations maintaining mailing lists, and reproduced almost 400,000 names on some sort of mailing container.

All of us at the Printing House wish to express our appreciation to our ex officio trustees and to many teachers for their cooperation during the year. I personally wish to express my very great appreciation to my staff including Jane Kent, Bob Haynes, Ralph McCracken, June Morris, Carl Lappin, and Hazel Maffet for their untiring efforts through what was at some times a difficult year. I am equally indebted to our production managers including Dick Gatewood, Jerry Maddux, Bob Phelps, Bill Maple and Wayne Brown.

Finally, I would like to acknowledge the debt of all of us to our corporate board of trustees. Under the leadership of our Chairman, Joseph B. Woodlief, this group, composed of John W. Barr, III, Watson B. Dabney, Finis E. Davis, Marion S. Webb, Jr. and James S. Welch, has been outstanding in its guidance and support of our efforts this year. My personal indebtedness to them is very great.

Respectfully submitted,



Carson Y. Nolan, Ph.D.  
President

## Report of the Publications Committee

The meeting of the Publications Committee convened on May 7, 1980 in Louisville, Kentucky. Members of the committee in attendance were Dr. Richard Umsted, Superintendent, Illinois School, Acting Chairman; Paul Lewis, Supervisor, I.M.C., Florida; Floyd McDowell, Superintendent, Montana State Department; and Anna Perry, Director, Royer-Greaves School, Pennsylvania. Committee Chairman, Andrew Papineau, who is Supervisor of Schools for the Visually Impaired, Wisconsin State Department, was unable to attend.

Dr. Nolan welcomed the group and introduced staff from the American Printing House. Mr. McCracken gave a report on the Editorial Department which would be presented at the Annual Meeting.

Mr. Lappin presented the list of textbook titles for adoption in braille and large type. These titles are listed following this report. A discussion on the titles ensued with the following points being made.

1. Floyd McDowell moved that the Scholastic materials be accepted for production with the Teacher's Guide. Seconded by Paul Lewis and passed.

2. Textbooks containing an atlas should be listed in catalog under title only with the full price given.

3. Holt School Mathematics Series — Grades 7-8, Algebra I, Geometry, Algebra II, and Trigonometry were placed into large type production.

4. Braille production for the Holt School Math Series would be done by Von Eulert of NBA.

Paul Lewis moved that the list of textbooks be accepted. This was seconded by Floyd McDowell and passed.

Discussion was presented on exploring a one volume large type dictionary. The Committee gave specifications and approval for the Printing House to proceed should they obtain data. The Houghton-Mifflin Dictionary was selected for production.

The role, function and new format for the Publication Committee members were discussed by Dr. Nolan. With no further business, the meeting was adjourned.

Respectfully submitted,  
Andrew Papineau, Chairperson

### **Textbooks approved by 1980 Publications Committee**

#### **Macmillan Reading Series**

Macmillan, 1980

Textbook and Workbook

- *Opening Doors (Levels 7-8, P)*
- *Rainbow World (Levels 9-10, 1)*
- *Magic Times (Levels 11-12, 2<sup>1</sup>)*
- *Mirrors and Images (Levels 13-14, 2<sup>2</sup>)*
- *Secrets and Surprises (Levels 15-16, 3<sup>1</sup>)*
- *Full Circle (Levels 17-18, 3<sup>2</sup>)*
- *Rhymes and Reasons (Levels 19-24, 4)*
- *Echoes of Time (Levels 25-30, 5)*
- *Catch the Wind (Levels 31-36, 6)*

#### **Basic Goals in Spelling**

Webster Division; McGraw-Hill, 1980

- *Grade 2*
- *Grade 3*
- *Grade 4*
- *Grade 5*
- *Grade 6*
- *Grade 7*
- *Grade 8*

#### **Holt School Mathematics**

Holt, 1978

- *Grade 7*
- *Grade 8*

#### **Holt Geometry**

Holt, 1978

#### **Holt Algebra 1**

Holt, 1978

#### **Holt Algebra 2 with Trigonometry**

Holt, 1978

#### **Our World Today Series**

Allyn and Bacon, 1980

Text and Atlas

- *The Eastern Hemisphere*

#### **Preparatory Reading Program for Visually Handicapped Children (PREP)**

American Institutes for Research

- *Sensory Matching*
- *Size*
- *Shape*
- *Action*
- *Positions I*
- *Positions II*
- *Relationships*
- *Time*
- *Classification*
- *Configurations*

#### **Action Library 3**

Scholastic Book Services, 1973

(Reading Level 3.0-3.4)

Interest Level Grade 7-12)

- *Cop's Son*
- *Witches get Everything*
- *Rodeo Road*
- *Skyjacked*
- *Wade's Place*
- *Teacher's Guide*

#### **Double Action Library 4**

Scholastic Book Services, 1979

(Reading Level 4.5-4.9)

Interest Level Grade 7-12)

- *The Drop-in*
- *The Promise Ring*
- *Apprentice to a Rip-off*
- *Flying Wheels*
- *The Air Freight Mystery*
- *Teacher's Guide*



## Report of the Educational Research Committee

The Educational Research Committee of the American Printing House met on October 12, 1980 in Louisville, Kentucky. Members present were Dr. Robert W. Bischoff, Education Director, Utah State Board of Education; Dr. Robert E. Long, Chief of Children's Services, Connecticut State Board of Education; and Dr. Nancy J. Bryant, Superintendent, Michigan School for the Blind.

The 1980 Annual Report had been reviewed in advance of the meeting. The Committee also met in May of this year to review APH research and development in depth and to discuss the impact of these activities upon the education of visually impaired children and youth across the country.

Additionally, the Committee joined with the Educational Aids Committee at that time to discuss the role and function of APH committee structure in an effort to better serve the needs of the field it represents to APH.

The Department of Educational Research supported 21 staff persons to carry out the research and development activities of this fiscal year which resulted in seven publications. One hundred-fourteen consultants representing 67 agencies cooperated in research activities, providing broadly representative and expert input in APH projects.

Recommendations include:

1. Improved two-way communication with the field
2. Orientation of new trustees
3. Clearinghouse for "Best Practices"
4. Increased interaction with Teacher Training Programs
5. Intensification of field consultation
6. Finally, a review of the Committee structure with possible changes

initiated to provide efficient, timely and relevant input for research and development activities carried on by APH.

Research during this fiscal year can be outlined and highlighted as follows:

### Early Childhood and Multihandicapped

- Prevocational Materials Development
- A Home-Based Media Approach for Developing Critical Skills in Young Visually Impaired Children

### Low Vision

- Vision Stimulation and Training Materials for Developmentally Young Visually Impaired Students (0-36 months)
- Light Box and Accompanying Materials for Developmentally Young Students
- Revision of the Utilization of Low Vision Kit

### Reading/Language

- Beginning Braille Reading Series, Patterns

### Mathematics

- Introductory Mathematics Project

### Science

- Audio-Tutorial Reference Materials in Biology (Cell Division)
- Micro-Slide Cassette Program
- Annotated Bibliography on Science Education and the Visually Handicapped

### Social Studies

- Continental Relief Map Cassette Program
- Introduction to Map Study: The Globe

### Tactile Graphics

- Graph Studies
- The Development of Fundamental Skills in Tactile Graph Interpretation: A Program for Braille Readers

- Tactile Graphics Kit
- Plate Embossing Apparatus

### Other Research

- Educational Measures
- Educational Games
- Relationships between Visual Acuity, Reading Mode, and School Systems for Blind Students — A 1979 Replication
- Academic Achievement of Legally Blind Students

Discussion of the Annual Report included concerns related to developmental indices to be used in the preparation of a home-based media approach for critical skills development in visually impaired children 0-2 years, and optical aids provision through quota funds to improve access to educational materials by visually impaired students.

The Research Committee then formally accepted and approved the Annual Report by unanimous vote.

The committee wishes to commend APH for its continuing efforts on behalf of visually impaired children and youth to improve the quality of their educational experience through expansion of knowledge in the professions serving this group and the provision of effective and sound educational aids, materials, and approaches to instruction and learning.

Respectfully submitted,

Nancy J. Bryant, Chairperson

# Annual Meeting Section

## **Report of the Educational Aids Committee**

A meeting of the Educational Aids Committee was called to order by Carson Y. Nolan, President of the American Printing House for the Blind, at 11:30 a.m. on October 12, 1980 at the Galt House in Louisville. Members of the committee attending were Will Evans, Superintendent, Kentucky School for the Blind; Harold Hodges, Education Program Specialist, Kansas State Department of Education; James Meyers, Director, Hope School-Illinois; and Don Edwards, Director, Oregon State School for the Blind. Members of the APH research staff attending were June Morris, Frank Franks, Eleanor Pester, and Mark Craven. Items proposed for production approval were on display prior to the meeting and committee members had reviewed them with persons responsible for their development and evaluation.

Carson Nolan opened the meeting by asking the committee how it felt about the current meeting format where it met in the spring for a working session with the research staff of APH and again in the fall in closed session at the Annual Meeting for the purpose of considering items presented for production approval. Committee members were in full agreement that this format is appropriate and enables the Committee to function effectively.

At this point, Carson Nolan turned the meeting over to Will Evans. Four items were presented for production approval. After pertinent discussion, each was unanimously approved for production. They were The Game Kit, Sneaky Snake Game, Micro-Slide Cassette Program-Level I, and Audio-Tutorial Reference Materials in Biology.

Two transactions from the May 9, 1980 meeting of the Committee were noted for the record. They were that the Tactile Graphics Kit had been approved for production and that the Committee had approved APH delaying in restocking the APH Student Speech Plus Calculator until such time that the market for talking calculators became clear.

Will Evans asked the Committee for other comments and suggestions. They were as follows:

1. Don Edwards asked that APH consider developing slide/tape presentations to be used for in-service training, particularly for new products. Carson Nolan responded that, though costly, this was a need that APH hoped to address through its new marketing effort.
2. The Committee suggested that APH be encouraged to continue in the development of self-instructional materials.
3. Don Edwards suggested that, should the need arise, production approval for a new item could be obtained by contacting Committee members either through the mail or by phone. This procedure would prevent delaying initiation of production of a needed item until a scheduled meeting of the Committee.

Will Evans expressed appreciation on behalf of the Committee for the work done by APH in the development of new products designed to meet the needs of visually handicapped students.

The meeting was adjourned at 12:15 p.m.

Respectfully submitted,

Will Evans, Chairman



# Organizations for the Education of the visually impaired in the United States receiving Federal Quota Funds due under the "Act to Promote the Education of the Blind."

NAME OF INSTITUTION	PUPILS AS OF JAN. 1, 1979	QUOTA ALLOCATION
Alabama Institute for the Deaf & Blind <i>Talladega, Alabama</i> .....	492	\$ 59,883.49
Alabama State Department of Education <i>Montgomery, Alabama</i> .....	348	42,356.61
Alaska State Department of Education <i>Juneau, Alaska</i> .....	63	7,668.01
Arizona State School for the Deaf and the Blind— <i>Tucson, Arizona</i> .....	98	11,928.01
Arizona State Department of Education <i>Phoenix, Arizona</i> .....	243	29,576.59
Arkansas Enterprises for the Blind <i>Little Rock, Arkansas</i> .....	85	10,345.72
Arkansas Children's Colony <i>Conway, Arkansas</i> .....	34	4,138.29
Arkansas State School for the Blind <i>Little Rock, Arkansas</i> .....	159	19,352.59
Arkansas State Department of Education c/o Arkansas School for the Blind <i>Little Rock, Arkansas</i> .....	53	6,450.87
California School for the Blind <i>Berkeley, California</i> .....	101	12,293.16
Orientation Center for the Blind <i>Albany, California</i> .....	32	3,894.86
California State Department of Education <i>Sacramento, California</i> .....	3,389	412,490.12
Colorado School for the Deaf and Blind <i>Colorado Springs, Colorado</i> .....	62	7,546.29
Colorado Services for the Visually Impaired— <i>Denver, Colorado</i> .....	95	11,562.87
Colorado State Department of Education <i>Denver, Colorado</i> .....	266	32,376.04
Oak Hill School <i>Hartford, Connecticut</i> .....	159	19,352.59
Mansfield State Training School <i>Mansfield Depot, Connecticut</i> .....	9	1,095.43
Connecticut State Board of Education and Services for the Blind <i>Wethersfield, Connecticut</i> .....	353	42,965.18
Bureau for the Visually Impaired <i>Wilmington, Delaware</i> .....	56	6,816.00
Delaware State Department of Education <i>Dover, Delaware</i> .....	121	14,727.44
Florida School for the Deaf and Blind <i>St. Augustine, Florida</i> .....	142	17,283.45
Florida Association of Workers <i>Miami, Florida</i> .....	121	14,727.45
Independent Living for Adult Blind <i>Jacksonville, Florida</i> .....	23	2,799.43
Division of Blind Service Rehabilitation Center— <i>Daytona Beach, Florida</i> .....	44	5,355.43
Florida State Department of Education <i>Tallahassee, Florida</i> .....	1,113	135,468.13
Gracewood State School and Hospital <i>Gracewood, Georgia</i> .....	9	1,095.43
Georgia Academy for the Blind <i>Macon, Georgia</i> .....	162	19,717.74

NAME OF INSTITUTION	PUPILS AS OF JAN. 1, 1979	QUOTA ALLOCATION
Georgia Rehabilitation Center <i>Warm Springs, Georgia</i> .....	26	\$ 3,164.57
Georgia State Department of Education <i>Atlanta, Georgia</i> .....	567	69,012.07
Atlanta Area Services for the Blind <i>Atlanta, Georgia</i> .....	20	2,434.28
Hawaii School for the Deaf and Blind <i>Honolulu, Hawaii</i> .....	17	2,069.15
Hawaii State Department of Education <i>Honolulu, Hawaii</i> .....	52	6,329.16
Idaho State School for the Deaf and Blind <i>Gooding, Idaho</i> .....	35	4,260.01
Idaho Commission for the Blind/Adult Orientation & Adjustment Center <i>Boise, Idaho</i> .....	28	3,408.00
Idaho State Department of Education c/o Idaho State School for the Deaf and Blind— <i>Gooding, Idaho</i> .....	69	8,398.29
Chicago Lighthouse for the Blind <i>Chicago, Illinois</i> .....	112	13,632.02
Illinois School for the Visually Impaired <i>Jacksonville, Illinois</i> .....	113	13,753.72
Illinois Visually Handicapped Institute <i>Chicago, Illinois</i> .....	38	4,625.15
Hope School for the Blind <i>Springfield, Illinois</i> .....	69	8,398.29
Illinois State Department of Public Instruction <i>Springfield, Illinois</i> .....	1,584	192,795.62
Indiana School for the Blind <i>Indianapolis, Indiana</i> .....	186	22,638.88
Indiana State Department of Public Instruction <i>Indianapolis, Indiana</i> .....	586	71,324.64
Iowa Braille & Sight Saving School <i>Vinton, Iowa</i> .....	82	9,980.59
Iowa Commission for the Blind <i>Des Moines, Iowa</i> .....	18	2,190.85
Woodward State Hospital-School <i>Woodward, Iowa</i> .....	14	1,704.01
Iowa State Department of Public Instruction <i>Des Moines, Iowa</i> .....	240	29,211.46
Kansas State School for the Visually Handicapped <i>Kansas City, Kansas</i> .....	54	6,572.57
Kansas Rehabilitation Center for the Adult Blind <i>Topeka, Kansas</i> .....	9	1,095.43
Kansas State Department of Education <i>Topeka, Kansas</i> .....	281	34,201.75
Kentucky Rehabilitation Center for the Blind <i>Louisville, Kentucky</i> .....	12	1,460.58
Kentucky School for the Blind <i>Louisville, Kentucky</i> .....	115	13,997.15

NAME OF INSTITUTION	PUPILS AS OF JAN. 1, 1979	QUOTA ALLOCATION
Kentucky State Department of Education <i>Frankfort, Kentucky</i> .....	283	\$ 34,445.18
Louisiana State School for the Blind <i>Baton Rouge, Louisiana</i> .....	146	17,770.31
Louisiana State Department of Education <i>Baton Rouge, Louisiana</i> .....	515	62,682.92
State of Maine <i>Augusta, Maine</i> .....	147	17,892.02
Maryland School for the Blind <i>Baltimore, Maryland</i> .....	264	32,132.60
D.C. Children's Center <i>Laurel, Maryland</i> .....	25	3,042.86
Maryland State Department of Education <i>Baltimore, Maryland</i> .....	516	62,804.63
Massachusetts Association for the Blind <i>Boston, Massachusetts</i> .....	61	7,424.58
Perkins School for the Blind <i>Watertown, Massachusetts</i> .....	196	23,856.02
Boston Center for Blind Children <i>Boston, Massachusetts</i> .....	21	2,556.00
Walter E. Fernald State School <i>Waverly, Massachusetts</i> .....	48	5,842.30
Protestant Guild for the Blind <i>Watertown, Massachusetts</i> .....	9	1,095.43
Massachusetts State Department of Education <i>Boston, Massachusetts</i> .....	629	76,558.36
Michigan School for the Blind <i>Lansing, Michigan</i> .....	126	15,336.01
Health Care Institute <i>Detroit, Michigan</i> .....	13	1,582.29
Michigan Rehabilitation Center for the Blind <i>Kalamazoo, Michigan</i> .....	31	3,773.15
Michigan State Department of Education <i>Lansing, Michigan</i> .....	1,596	194,256.19
Minnesota Braille and Sight Saving School <i>Faribault, Minnesota</i> .....	43	5,233.71
Minneapolis Society for the Blind, Inc. <i>Minneapolis, Minnesota</i> .....	25	3,042.86
Minnesota State Department of Education <i>St. Paul, Minnesota</i> .....	522	63,534.92
Mississippi School for the Blind <i>Jackson, Mississippi</i> .....	147	17,892.02
Mississippi Vocational Rehabilitation for the Blind— <i>Jackson, Mississippi</i> .....	28	3,408.01
Mississippi State Department of Education <i>Jackson, Mississippi</i> .....	179	21,786.88
Missouri School for the Blind <i>St. Louis, Missouri</i> .....	153	18,622.30
Missouri State Department of Education c/o Missouri School for the Blind <i>St. Louis, Missouri</i> .....	458	55,745.20
Rehabilitation Institute for Kansas City <i>Kansas City, Missouri</i> .....	11	1,338.86
Montana School for the Deaf and the Blind <i>Great Falls, Montana</i> .....	21	2,556.00

NAME OF INSTITUTION	PUPILS AS OF JAN. 1, 1979	QUOTA ALLOCATION
Montana State Department of Public Instruction <i>Great Falls, Montana</i> .....	172	\$ 20,934.88
Nebraska School for the Visually Handicapped <i>Nebraska City, Nebraska</i> .....	40	4,868.58
Nebraska State Department of Education <i>Nebraska City, Nebraska</i> .....	139	16,918.30
Nevada State Department of Education <i>Carson City, Nevada</i> .....	82	9,980.58
New Hampshire State Department of Education <i>Concord, New Hampshire</i> .....	134	16,309.73
New Jersey Commission for the Blind <i>Newark, New Jersey</i> .....	948	115,385.26
New Mexico School for the Visually Handicapped <i>Alamogordo, New Mexico</i> .....	76	9,250.29
New Mexico State Department of Education <i>Alamogordo, New Mexico</i> .....	307	37,366.33
New York Institute for the Education of the Blind <i>Bronx, New York</i> .....	155	18,865.73
New York State School for the Blind <i>Batavia, New York</i> .....	116	14,118.88
Lavelle School for the Blind <i>Bronx, New York</i> .....	71	8,641.72
New York State Department of Education <i>Albany, New York</i> .....	1,773	215,799.64
The Governor Morehead School <i>Raleigh, North Carolina</i> .....	228	27,750.88
Murdoch Center <i>Butner, North Carolina</i> .....	55	6,694.29
North Carolina Division of Services for the Blind <i>Raleigh, North Carolina</i> .....	25	3,042.87
North Carolina State Department of Public Instruction <i>Raleigh, North Carolina</i> .....	468	56,962.34
North Dakota School for the Blind <i>Grand Forks, North Dakota</i> .....	54	6,572.57
North Dakota State Department of Public Instruction <i>Bismarck, North Dakota</i> .....	23	2,799.43
Clovernook Home and School for the Blind <i>Cincinnati, Ohio</i> .....	7	852.00
Ohio State School for the Blind <i>Columbus, Ohio</i> .....	123	14,970.88
Vision Center of Central Ohio, Inc. <i>Columbus, Ohio</i> .....	39	4,746.86
Ohio Resource Center for the Visually Handicapped <i>Columbus, Ohio</i> .....	1,048	127,556.70
Parkview School <i>Muskogee, Oklahoma</i> .....	107	13,023.44

NAME OF INSTITUTION	PUPILS AS OF JAN. 1, 1979	QUOTA ALLOCATION
Oklahoma State Department of Public Instruction		
<i>Oklahoma City, Oklahoma</i> .....	232	\$ 28,237.75
Oregon State School for the Blind		
<i>Salem, Oregon</i> .....	89	10,832.58
Oregon State Department of Education		
<i>Salem, Oregon</i> .....	220	26,777.16
Overbrook School for the Blind		
<i>Philadelphia, Pennsylvania</i> .....	131	15,944.59
Elwyn Institute		
<i>Elwyn, Pennsylvania</i> .....	51	6,207.43
Western Pennsylvania School for Blind Children		
<i>Pittsburgh, Pennsylvania</i> .....	147	17,892.02
The Greater Pittsburgh Guild for the Blind		
<i>Bridgeville, Pennsylvania</i> .....	32	3,894.86
Royer-Greaves School for the Blind		
<i>Paoli, Pennsylvania</i> .....	59	7,181.15
Pennsylvania State Department of Education		
<i>Harrisburg, Pennsylvania</i> .....	1,248	151,899.58
Rhode Island State Department of Education		
<i>Providence, Rhode Island</i> .....	153	18,622.31
South Carolina School for the Deaf and Blind		
<i>Spartanburg, South Carolina</i> .....	134	16,309.74
South Carolina Commission for the Blind		
<i>Columbia, South Carolina</i> .....	25	3,042.86
South Carolina State Department of Education		
<i>Columbia, South Carolina</i> .....	369	44,912.61
South Dakota School for the Visually Handicapped		
<i>Aberdeen, South Dakota</i> .....	22	2,677.72
South Dakota Rehabilitation Center for the Blind		
<i>Sioux Falls, South Dakota</i> .....	5	608.57
South Dakota Division of Elementary/Secondary Education		
<i>Pierre, South Dakota</i> .....	32	3,894.86
Tennessee School for the Blind		
<i>Nashville, Tennessee</i> .....	158	19,230.88
Clover Bottom Development Center		
<i>Donelson, Tennessee</i> .....	16	1,947.43
Tennessee State Department of Education		
<i>Nashville, Tennessee</i> .....	595	72,420.08
Texas School for the Blind		
<i>Austin, Texas</i> .....	179	21,786.87
Criss Cole Rehabilitation Center		
<i>Austin, Texas</i> .....	56	6,816.01
Texas Education Center		
<i>Austin, Texas</i> .....	1,464	178,189.89
Texas Lions Camp for Crippled Children		
<i>Kerrville, Texas</i> .....	24	2,921.15

NAME OF INSTITUTION	PUPILS AS OF JAN. 1, 1979	QUOTA ALLOCATION
Utah School for the Blind		
<i>Ogden, Utah</i> .....	79	\$ 9,615.43
Utah State Board of Education		
c/o Utah School for the Blind		
<i>Ogden, Utah</i> .....	143	17,405.16
Vermont State Department of Education		
<i>Montpelier, Vermont</i> .....	61	7,424.58
Virginia School for the Deaf and the Blind		
<i>Staunton, Virginia</i> .....	54	6,572.59
Virginia School at Hampton		
<i>Hampton, Virginia</i> .....	72	8,763.43
Virginia State Department of Education		
c/o Virginia Commission for the Visually Handicapped		
<i>Richmond, Virginia</i> .....	497	60,492.05
Virginia Commission for the Visually Handicapped		
<i>Richmond, Virginia</i> .....	123	14,970.87
Washington State School for the Blind		
<i>Vancouver, Washington</i> .....	91	11,076.02
Washington State Department of Public Instruction		
<i>Tacoma, Washington</i> .....	502	61,100.64
West Virginia School for the Deaf and the Blind		
<i>Romney, West Virginia</i> .....	83	10,102.29
Colin Anderson Center		
<i>St. Marys, West Virginia</i> .....	32	3,894.86
West Virginia State Department of Education		
<i>Charleston, West Virginia</i> .....	289	35,175.46
Wisconsin School for the Visually Handicapped		
<i>Janesville, Wisconsin</i> .....	119	14,484.01
Wisconsin State Department of Public Instruction		
<i>Madison, Wisconsin</i> .....	467	56,840.63
Wyoming State Department of Education		
<i>Cheyenne, Wyoming</i> .....	104	12,658.30
National Children's Center		
<i>Washington, D.C.</i> .....	20	2,434.29
District of Columbia Public Schools		
<i>Washington, D.C.</i> .....	95	11,562.87
Columbia Lighthouse for the Blind		
<i>Washington, D.C.</i> .....	19	2,312.58
Instituto Loaiza Cordero Para Ninos Ciegos		
<i>Santurce, Puerto Rico</i> .....	91	11,076.01
Rehabilitation Center for the Blind of Puerto Rico		
<i>Santurce, Puerto Rico</i> .....	48	5,842.29
Puerto Rico Department of Education		
<i>Hato Rey, Puerto Rico</i> .....	57	6,937.72
Gaum School for the Deaf and the Blind		
<i>Agana, Guam</i> .....	12	1,460.57
	33,061	\$4,024,000.00



# Distribution of Federal Quota Registration by School Grade and Reading Media

(as of January 7, 1980)

Grades:	Braille	Large Type	Both	Neither	Totals	Grand Totals
Kindergarten:						
Schools for Blind	113	73	7	64	257	
State Depts. Educ.	210	360	47	440	1057	1314
Grade I:						
Schools for Blind	66	60	10	31	167	
State Depts. Educ.	174	584	36	190	984	1151
Grade II:						
Schools for Blind	73	73	11	28	185	
State Depts. Educ.	138	601	37	162	938	1123
Grade III:						
Schools for Blind	54	54	10	41	159	
State Depts. Educ.	140	697	38	169	1044	1203
Grade IV:						
Schools for Blind	66	78	14	34	192	
State Depts. Educ.	137	714	28	158	1037	1229
Grade V:						
Schools for Blind	65	67	8	34	174	
State Depts. Educ.	139	667	55	142	1003	1177
Grade VI:						
Schools for Blind	65	80	15	34	194	
State Depts. Educ.	148	639	24	159	970	1164
Grade VII:						
Schools for Blind	80	86	8	36	210	
State Depts. Educ.	127	637	26	163	953	1163
Grade VIII:						
Schools for Blind	114	112	18	27	271	
State Depts. Educ.	123	648	25	147	943	1214
Grade IX:						
Schools for Blind	124	142	19	53	338	
State Depts. Educ.	151	645	36	181	1013	1351
Grade X:						
Schools for Blind	119	144	15	33	311	
State Depts. Educ.	125	640	33	159	957	1268



Grades:	Braille	Large Type	Both	Neither	Totals	Grand Totals
Grade XI:						
Schools for Blind	105	140	11	26	282	
State Depts. Educ.	139	541	32	177	889	1171
Grade XII:						
Schools for Blind	114	132	8	18	272	
State Depts. Educ.	150	476	34	173	833	1105
Ungraded:						
Schools for Blind	732	743	65	1473	3013	
State Depts. Educ.	863	2305	210	8297	11675	14688
Post-Graduate:						
Schools for Blind	4	7	0	12	23	
State Depts. Educ.	19	25	6	17	67	90
Adult Trainees:						
Schools for Blind	480	330	96	595	1501	
State Depts. Educ.	134	100	27	489	750	2251
Deaf-Blind						
Schools for Blind	140	279	21	288	728	
State Depts. Educ.	117	192	17	839	1165	1893
Cerebral Palsy:						
Schools for Blind	4	11	0	57	72	
State Depts. Educ.	11	60	4	112	187	259
Totals:						
Schools for Blind	2518	2611	336	2884	8349	
State Depts. Educ.	3045	10531	715	12174	26465	34814
	5563	13142	1051	15058	34814	
Schools for the Blind	6848	20%				
Adult Trainees	2251	6%				
State Depts. of Educ.	25715	74%				

**Explanation of reading mediums:**

*Braille* — includes braille readers only

*Large Type* — includes large type and regular print readers.

*Both* — includes braille and large type readers.

*Neither* — includes readers of regular print, or recorded materials, and non-readers.

# Balance Sheet

## General Fund and Special Funds

(June 30, 1980, and 1979)

### Assets

#### GENERAL FUND

##### Current Assets

	June 30, 1980	June 30, 1979
Cash .....	\$ 432,251	\$ 248,959
Accounts receivable .....	749,628	582,121
Intentories (Note 1) .....		
Finished goods .....	\$3,103,123	\$3,111,387
Work in process .....	934,107	653,643
Materials .....	1,940,820	1,842,623
Supplies .....	5,978,050	5,607,653
Prepaid expenses .....	120,369	103,289
Due from other funds .....	14,342	9,806
	40,000	165,143
<b>Total Current Assets</b> .....	<b>\$ 7,334,640</b>	<b>\$ 6,716,971</b>

##### Fixed Assets (Notes 1 and 5)

Building and improvements .....	\$3,074,144	\$3,035,445
Machinery .....	2,115,311	2,055,396
Office equipment .....	300,471	257,805
Total .....	\$5,489,926	\$5,348,646
Less accumulated depreciation .....	2,633,951	2,422,351
Total .....	\$2,855,975	\$2,926,295
Land .....	92,433	92,433
Book Value of Fixed Assets .....	2,948,408	3,018,728
<b>Total Assets — General Fund</b> .....	<b>\$10,283,048</b>	<b>\$ 9,735,699</b>

#### SPECIAL FUNDS

##### Board Restricted

##### Development Fund

Cash .....		\$ 3,111	
Certificates of deposit .....		16,500	
Investments, at cost, (market value \$32,945) .....		31,643	\$ 51,254

##### Building Fund

Cash .....	\$ 3,004	\$ 73,965	
Certificates of deposit .....		200,000	
Construction in process (Note 5) .....	1,817,730	3,904	277,869

##### Endowment Fund

Cash .....	\$ 4,845	\$ 48,678	
Investments, at cost (market value \$5,396,007 and \$5,069,963) .....	4,898,345	4,795,388	4,844,066

##### Donor Restricted

##### Endowment Fund

Investments, at cost (market value \$143,706 and \$136,660) .....	130,579		129,328
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##### Newsweek Talking Magazine Fund

Cash .....	\$ 13,264	\$ 991	
Certificates of deposit .....	350,000	350,000	
Investments, at cost, (market value \$47,064) .....	363,264	45,205	396,196

##### Reader's Digest Fund

Cash .....	\$ 27,571	\$ 113,940	
Certificates of deposit .....	1,050,000	1,900,000	
Investments, at cost (market value \$20,270 and \$19,276) .	18,418	18,242	2,032,182

<b>Total Assets — Special Funds</b> .....	<b>\$ 8,313,756</b>	<b>\$ 7,730,895</b>	
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<b>Total Assets</b> .....	<b>\$18,596,804</b>	<b>\$17,466,594</b>	
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## Liabilities and Fund Balance

### GENERAL FUND

June 30, 1980

June 30, 1979

#### Current Liabilities

Accounts payable .....	\$1,133,418	\$ 819,604
Notes payable (Note 2) .....	350,000	457,988
Accrued payroll .....	13,408	
Unexpended grant funds .....	95,711	158,427
Accrued and withheld taxes .....	31,881	33,292
Accrued contribution to pension plan (Note 3) .....	207,174	217,032

<b>Total Liabilities</b> .....	<b>\$ 1,831,592</b>	<b>\$ 1,686,343</b>
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<b>Fund Balance</b> .....	<b>8,451,456</b>	<b>8,049,356</b>
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<b>Total Liabilities and Fund Balance — General Fund</b>	<b>\$10,283,048</b>	<b>\$ 9,735,699</b>
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### SPECIAL FUNDS

#### Board Restricted

##### Development Fund

Fund Balance (Note 4) .....	\$	\$ 51,254
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##### Building Fund

Accounts payable .....	\$ 170,788	
Accounts payable retainage .....	159,458	
Fund Balance (Note 4) .....	1,490,488	1,820,734
		277,869

##### Endowment Fund

Fund Balance (Note 4) .....	4,903,190	4,844,066
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#### Donor Restricted

##### Endowment Fund

Fund Balance (Note 4) .....	130,579	129,328
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##### Newsweek Talking Magazine Fund

Accounts payable .....		\$ 19,845
Due to General Fund .....		19,488
Fund Balance (Note 4) .....	363,264	356,863
		396,196

##### Reader's Digest Fund

Due to General Fund .....	\$ 40,000	\$ 145,655
Fund Balance (Notes 4 and 5) .....	1,055,989	1,886,527
	1,095,989	2,032,182

<b>Total Liabilities and Fund Balances — Special Funds</b>	<b>\$ 8,313,756</b>	<b>\$7,730,895</b>
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<b>Total Liabilities and Fund Balances</b> .....	<b>\$18,596,804</b>	<b>\$17,466,594</b>
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See accompanying notes to Financial Statements

# General Fund Income Statement

For the years ended June 30, 1980, and 1979

Products Distributed	Year Ended June 30,	
	1980	1979
Braille		
Books and pamphlets .....	\$1,642,579	\$1,096,778
Reader's Digest .....	123,928	138,088
Magazines .....	429,611	362,647
Music .....	4,670	4,828
	\$2,200,788	\$1,602,341
Talking Books		
Publications .....	\$ 446,670	\$ 820,595
Reader's Digest .....	216,065	202,641
Newsweek .....	354,831	396,862
Magazines .....	331,697	696,695
	1,349,263	2,116,793
Large Type Books .....	1,506,545	1,618,653
Other		
Inkprint books .....	\$ 113,557	\$ 133,198
Slates .....	41,045	38,716
Maps and globes .....	35,110	22,491
Educational aids .....	1,093,721	779,370
Braillewriters .....	186,008	149,042
Reproducers and recorders ....	1,021,009	987,785
Containers .....	810,798	903,897
REAL tapes .....	3,531	2,504
Tape program .....	850,858	1,142,034
Miscellaneous .....	430,037	389,398
	4,585,674	4,548,435
<b>Total Products Distributed .....</b>	<b>\$9,642,270</b>	<b>\$9,886,222</b>
<b>Cost of Products Distributed ....</b>	<b>8,132,799</b>	<b>8,368,539</b>
<b>Gross Income on Products Distributed .....</b>	<b>\$1,509,471</b>	<b>\$1,517,683</b>
<b>Operating Expenses .....</b>	<b>1,567,720</b>	<b>1,469,629</b>
<b>Operating Income (Loss) .....</b>	<b>\$ (58,249)</b>	<b>\$ 48,054</b>
<b>Other Income</b>		
Cash discounts .....	\$ 23,099	\$ 31,421
Sales of scrap .....	15,021	15,833
Other income .....	164	34,683
	38,284	81,937
<b>Total Other Income .....</b>	<b>38,284</b>	<b>81,937</b>
<b>Net Income (Loss) to Fund Balance .....</b>	<b>\$ (19,965)</b>	<b>\$ 129,991</b>

See accompanying notes to Financial Statements



# General Fund Statement of Changes in Fund Balance

For the years ended June 30, 1980, and 1979

	1980	Year Ended June 30, 1979
Balance, Beginning .....	\$8,049,356	\$7,361,529
Net Income (loss) for the year .....	(19,965)	129,991
Transfers from other funds		
Reader's Digest Fund for the Blind for acquisition of fixed assets ...	122,065	388,836
Board Restricted Endowment Fund for working capital .....	<u>300,000</u>	<u>169,000</u>
Balance, ending .....	<u>\$8,451,456</u>	<u>\$8,049,356</u>

See accompanying notes to Financial Statements

## Notes to Financial Statements

### NOTE 1. Summary of Significant Accounting Policies

- a) Inventories are stated at the lower of cost or market on the first-in, first-out identification method.
- b) Fixed assets are stated at their estimated value at June 30, 1941, and at cost for additions since that time. Depreciation, computed on the straight line basis over reasonable useful lives of the various classes of assets, amounted to \$218,224 and \$214,854, for this and the prior fiscal year.
- c) The company is a tax exempt non-profit corporation under Section 501(c)(3) of the Internal Revenue Code.

### NOTE 2. Notes Payable

This amount at June 30, 1980 represents a note payable to a local bank, due August 25, 1980, with interest at 16.5%.

### NOTE 3. Accrued Contribution to Pension Plan

The company has in effect, for eligible personnel, a non-contributory pension plan.

This amount represents an estimate of the amount of the current contribution due to the pension trust, final determination of which was not made as of the writing of this report.

Effective July 1, 1976, the plan was amended to comply with the Employee Retirement Income Security Act, to eliminate the contributions on the part of the employees and to change the benefit formula. The Board of Directors has chosen to fund the past service cost over a 30-year period.

The method of valuation employed is the frozen initial liability method, a variant of the entry age normal method. In the current year, the actuarial assumptions were changed from previous years to better reflect the current and anticipated economic environment. Changes were made in the assumptions of interest rates, salary increases and mortality table. These changes in addition to the effect on the current computations had the effect of reducing the past service cost by \$647,397. In the opinion of the actuary, the assumptions used are in the aggregate reasonably related to the experience of the plan and to reasonable expectations.

Continued on page 23

# Special Funds Statement of Revenue, Expenditures, Transfers and Fund Balances

For the year ended June 30, 1980

	Total Special Funds	Development Fund	Building Fund
<b>Revenue</b>			
Contributions .....	\$1,232,267	\$	\$
Bequests .....	70,479		25,827
Interest and dividends .....	611,153	4,234	8,804
Gain on sales of securities .....	20,909		
<b>Total Revenue</b> .....	<u>\$1,934,808</u>	<u>\$ 4,234</u>	<u>\$ 34,631</u>
<b>Expenditures</b>			
Administrative and fund raising costs			
Postage .....	\$ 129,716		
Stationery .....	122,295		
Lists .....	60,411		
Labor .....	56,033		
Equipment rental and supplies .....	36,540		
Miscellaneous supplies and expense .....	1,990		
Investment agent's fee .....	12,111		
<b>Total Administrative and Fund Raising Costs</b> .....	<u>\$ 419,096</u>		
Cost of Reader's Digests distributed .....	337,578		
Cost of Newsweek editions distributed .....	353,966		
Expenditures for special projects for the blind .....	4,500		
<b>Total Expenditures</b> .....	<u>\$1,115,140</u>		
<b>Excess Revenue (Expenditures)</b> .....	<u>\$ 819,668</u>	<u>\$ 4,234</u>	<u>\$ 34,631</u>
<b>Fund Balances, July 1, 1979</b> .....	7,545,907	51,254	277,869
<b>Transfers</b>			
Building construction .....		(55,488)	1,177,988
General Fund—equipment .....	(122,065)		
— operating capital .....	(300,000)		
<b>Fund Balances, July 1, 1980 (Note 4)</b> .....	<u>\$7,943,510</u>	<u>\$ -0-</u>	<u>\$1,490,488</u>

Board Endowment Fund	Donor Endowment Fund	Newsweek Talking Magazine Fund	Reader's Digest Fund			
			Total	Editions	Extensions	Endowment
\$	\$	\$465,322	\$ 766,945	\$294,222	\$ 472,723	\$
2,017		18,750	23,885	1,274	22,611	
349,736		43,729	204,650		204,650	
19,482	1,251		176			176
<u>\$ 371,235</u>	<u>\$ 1,251</u>	<u>\$527,801</u>	<u>\$ 995,656</u>	<u>\$295,496</u>	<u>\$ 699,984</u>	<u>\$ 176</u>
\$		\$ 67,411	\$ 62,305		\$ 62,305	
		73,000	49,295		49,295	
		3,133	57,278		57,278	
		21,096	34,937		34,937	
		1,855	34,685		34,685	
		939	1,051		1,051	
12,111						
<u>\$ 12,111</u>		<u>\$167,434</u>	<u>\$ 239,551</u>	<u>\$</u>	<u>\$ 239,551</u>	
			337,578	337,578		
		353,966	4,500		4,500	
<u>\$ 12,111</u>		<u>\$521,400</u>	<u>\$ 581,629</u>	<u>\$337,578</u>	<u>\$ 244,051</u>	
\$ 359,124	\$ 1,251	\$ 6,401	\$ 414,027	\$(42,082)	\$ 455,933	\$ 176
4,844,066	129,328	356,863	\$1,886,527	564,323	1,303,962	18,242
			(1,122,500)		(1,122,500)	
			(122,065)		(122,065)	
(300,000)						
<u>\$4,903,190</u>	<u>\$130,579</u>	<u>\$363,264</u>	<u>\$ 1,055,989</u>	<u>\$522,241</u>	<u>\$ 515,330</u>	<u>\$18,418</u>

See accompanying notes to Financial Statements

# Statement of Changes in Financial Position

For the years ended June 30, 1980, and 1979

Funds Provided	Year Ended June 30, 1980			Year Ended June 30, 1979		
	General Funds	Special Funds	Total	General Funds	Special Funds	Total
Operations						
Net income (loss) for year .....	\$ (19,965)		\$ (19,965)	\$129,991		\$ 129,991
Add depreciation not requiring use of funds .....	218,224		218,224	214,854		214,854
Total funds provided by operations ..	\$198,259	\$	\$ 198,259	\$344,845	\$	\$ 344,845
Transfer from Reader's Digest Fund for acquisition of equipment and improvements .....	122,065	(122,065)		388,836	(388,836)	
Transfer from Endowment Fund for working capital .....	300,000	(300,000)		169,000	(169,000)	
Decrease in cash .....		192,001	192,001			
Increase in payables .....		185,258	185,258		184,988	184,988
Sales of investments (net of purchases) ..		1,038,964	1,038,964			
Excess of revenue over expenditures and transfers .....		819,668	819,668		886,116	886,116
Total Funds Provided .....	<u>\$620,324</u>	<u>\$1,813,826</u>	<u>\$2,434,150</u>	<u>\$902,681</u>	<u>\$513,268</u>	<u>\$1,415,949</u>
Funds Applied						
Purchase of machinery .....	\$ 66,205	\$	\$ 66,205	\$224,432	\$	\$ 224,432
Purchase of office equipment .....	43,000		43,000	11,741		11,741
Addition to plant .....	38,699	1,813,826	1,852,525	88,987	3,904	92,891
Total assets acquired .....	\$147,904	\$1,813,826	\$1,961,730	\$325,160	\$ 3,904	\$ 329,064
Reduction of long-term portion of note payable .....				6,847		6,847
Increase in working capital .....	472,420		472,420	570,674		570,674
Increase in cash .....					27,499	27,499
Purchase of investments (net of sales) ..					481,865	481,865
Total Funds Applied .....	<u>\$620,324</u>	<u>\$1,813,826</u>	<u>\$2,434,150</u>	<u>\$902,681</u>	<u>\$513,268</u>	<u>\$1,415,949</u>

	Year Ended June 30,	
	1980	1979
<b>Increase (Decrease) in Current Assets</b>		
Cash .....	\$ 183,292	\$ (261,056)
Accounts receivable .....	167,507	(326,248)
Inventories .....	370,397	1,230,903
Other .....	(103,527)	195,074
<b>Net Increase in Current Assets .....</b>	<u>\$ 617,669</u>	<u>\$ 838,673</u>
<b>Increase (Decrease) in Current Liabilities</b>		
Accounts payable .....	\$ 313,814	\$ (145,768)
Notes payable .....	(107,988)	444,293
Accrued payroll .....	13,408	(63,111)
Unexpended grant funds .....	(62,716)	(21,438)
Accrued taxes .....	(1,411)	19,663
Accrued contribution to pension plan .....	(9,858)	34,360
<b>Net Increase in Current Liabilities .....</b>	<u>\$ 145,249</u>	<u>\$ 267,999</u>
<b>Working Capital .....</b>	<u>\$ 472,420</u>	<u>\$ 570,674</u>

## General Fund Schedule of Changes in Major Elements of Working Capital

June 30, 1980, and 1979

See accompanying notes to Financial Statements



# Notes to Financial Statements

Continued from page 19

## NOTE 3. Accrued Contribution to Pension Plan (Continued)

Pertinent data on the plan is presented below:

	Year Ended June 30,	
	1980	1979
Unfunded past service cost	\$ 609,802	\$ 1,255,845
Actuarial present value of accumulated plan benefits		
Vested	\$ 1,941,217	\$ 2,139,308
Non-vested	98,288	205,067
Total	\$ 2,039,505	\$ 2,344,375
Net assets available for plan benefits (at average of cost and market)	\$ 2,764,324	\$ 2,503,308
Plan cost for the year	\$ 199,205	\$ 218,109
Direct pensions	1,725	1,592
Life insurance	30,536	20,204
Total retirement benefits	\$ 231,466	\$ 239,905

All benefit information is based on the plan year beginning dates of July 1, 1979, and 1978, respectively. The assumed rate of return in determining the actuarial values of vested and non-vested accumulated benefits was 7% and 5½% compounded annually for the two years, respectively.

## NOTE 4. Special Funds

The special funds are all administered by the Board of Trustees and are composed and restricted as follows:

a) *Development Fund*  
This fund is composed of unrestricted contributions to be used at the discretion of the Board of Trustees.

b) *Building Fund*  
This fund is composed of undesignated gifts and

bequests and transfers from other funds to be used for major building additions.

c) *Endowment Fund — Board Restricted*  
This fund is composed of undesignated gifts placed in this fund by the Board of Trustees and to be used as a continuing endowment or expended otherwise at the discretion of the Board.

d) *Endowment Fund — Donor Restricted*  
This fund consists of those gifts and bequests restricted to permanent endowment by donors with the income used at discretion of the Board of Trustees.

e) *Newsweek Talking Magazine Fund*  
This fund is composed of contributions and bequests, net of campaign costs, restricted to providing copies of Newsweek talking books to the blind.

f) *Reader's Digest Fund*  
This fund is composed of contributions and bequests, net of campaign costs, restricted to furnishing copies of the Reader's Digest, in braille and recorded editions, or for increasing production facilities and services for the blind.

## NOTE 5. Subsequent Events

The company is in the process of construction of an addition to the building at a contractual cost at June 30, 1980 of \$1,918,385. The cost of construction is carried in the Building Fund, with accumulated costs at June 30, 1980 of \$1,817,730. Upon completion the total cost will be transferred to the General Fund. Additional transfers will be made from the Reader's Digest Fund for the completion of the building in the approximate amount of \$430,000.

## Report of Independent Certified Public Accountants

To the Board of Trustees of the American Printing House for the Blind, Inc.

We have examined the balance sheet of the American Printing House for the Blind, Inc., as of June 30, 1980, and 1979, and the related statements of income and changes in fund balance of the General Fund, and revenue, expenditures, transfers and fund balances of the Special Funds, and changes in financial position for the fiscal years then ended. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the accompanying statements present fairly the financial position of the American Printing House for the Blind, Inc., as of June 30, 1980, and 1979, and the results of its operations and changes in financial position for the fiscal years then ended, in conformity with generally accepted accounting principles applied on a consistent basis.

## Accountant's Statement

*Cotton and Allen*

Louisville, Kentucky  
September 4, 1980

# Disbursements

## U.S. Government Account

July 1, 1979 - June 30, 1980

<b>Unexpended FY '79 Funds 7/01/79 .....</b>		\$1,121,871.71	
<b>Plus: FY '80 Allocation:</b>			
Educational Materials .....	\$4,024,000.00		
Advisory Services .....	85,000.00		
Educational Research .....	<u>250,000.00</u>	4,359,000.00	
		<u>\$5,480,871.71</u>	
<b>Less: Unexpended Funds 6/30/80:</b>			
Educational Materials .....	\$1,252,039.03		
Advisory Services .....	8,676.66		
Educational Research .....	<u>123,290.02</u>	1,384,005.71	
Total Expenditures 7/01/79 - 6/30/80 .....			<u>\$4,096,866.00</u>
<b>Expenditures 7/01/79 - 6/30-80</b>			
<b>Manufacturing</b>			
Services .....		\$2,347,565.85	
Stereograph Metal .....		24,022.22	
Vacuum-Form Materials .....		85,125.00	
Large Type Materials .....		93,445.35	
Printing & Binding Materials .....		327,733.67	
Printing & Binding Supplies .....		17,235.39	
Educational Aids and Materials .....		732,996.14	
Miscellaneous .....		<u>56,058.73</u>	
Total .....		\$3,684,182.35	
<b>Advisory Services</b>			
Salaries .....	\$	35,611.47	
Staff and Committee Travel .....		30,733.40	
Supplies and Related Expenses .....		<u>40,608.57</u>	
Total .....	\$	106,953.44	
<b>Educational Research</b>			
Salaries .....	\$	233,808.15	
Staff and Committee Travel .....		37,068.40	
Supplies and Related Expenses .....		<u>34,853.66</u>	
Total .....	\$	305,730.21	
<b>Total Expenditures 7/01/79 - 6/30-80 .....</b>			<u>\$4,096,866.00</u>



***American Printing House  
for the Blind, Inc.***

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